Network Manager

Release Notes v4.4.0.0 Fix 21

Introduction

This document defines the changes made to the Network Manager product for fix release v4.4.0.0 Fix 21 and is specifically targeted at end users.

After reading through this document, should you have any further training or consultancy requirements then please contact your ***Bentley*** account manager.

Fix Details

| **Baseline Release** | 4.4.0.0 |
| --- | --- |
| **Fix Description** | Network Manager 4.4.0.0 Fix 21 Patchset.  Merge changes to better handle datums that start and end at the same nodes. better detection of shared node |
| **Prerequisites** |  |
| **Implementation Instructions** | Unzip nm\_4400\_fix21.zip to a staging folder.  Log onto SQL\*PLUS as the Highways Owner with the staging folder as the working directory. At the prompt type "START nm\_4400\_fix21.sql" and press return.  Exit SQL\*PLUS. |
| **Limitations** | None known |
| **Configuration Information** | None |
| **How To Test** | Recommend full regression test |
| **Rollback Strategy** | Initially implement on a test environment |

List of Amended Files

| **Filename** | **Version** |
| --- | --- |
| log\_nm\_4400\_fix21.sql | 3.0 |
| nm3merge.pkw | 2.9.1.0 |
| nm\_4400\_fix21.sql | 3.0 |

Log No. Summary

This chapter summarises all software changes that have been made in this release.

These changes are derived from the following sources,

* Issues raised by Customers via Bentley Support
* Issues raised internally by Bentley

**Issues**

| **Internal**  **Task ID** | **Issue** | **Support**  **Log(s)** |
| --- | --- | --- |
| 0112020 | The original ticket that gives rise to this problem relates to Spatial Manager and the provision of too many choices to the user. However, the core code expects to merge two elements based on inheritance of attributes from the first of the two. This includes direction. Hence, the direction of the first element determines the direction of the result and hence determines the node to be dissolved. In the scenario where two datums start and end at the same nodes, there is a choice. The inclusion of the order-by in the relevant code limits the choice and will now arrange for the merge to inherit the direction of the first element as desired. Work will be required on SM to remove extraneous logic to fully satisfy the issues raised on the ticket. Minor improvements to original fix which could fail to detect the correct shared node. | 8001101079 |